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Lake's

SHENANDOAH NURSERIES



Shenandoah, Iowa

Spring
BULLETIN
NO. 1

WITH GRADE COUNTS



February 12, 1947

ORDER TODAY

LONG DISTANCE PHONES

406 - 407

**A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK
FOR OVER 75 YEARS**

TERMS AND CONDITIONS OF SALE

Terms—2% discount for cash if paid on or before 10th of month following date of invoice, and is due NET 30 days thereafter.

Cash security, or satisfactory reference is required from unknown parties. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—Apply upon the following quantities: Fruit Trees, Shade Trees, Shrubs, Roses, Vines, PERENNIALS (including PEONIES and LILIES).

300 or more take 1000 rates where published.

30 to 300 take 100 rates.

Under 30 take 10 rates.

All grades and varieties in any one class are allowed to make up total.

Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGING, PRIVET and ALL SEEDLINGS

300 of same variety and grade take 1000 rates.

Under 300 of same variety and grade take 100 rates.

EVERGREENS, BALLED and BURLAPPED

30 trees (any assortment) take 100 rates.

Under 30 trees (any assortment) take 10 rates.

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) take 1000 rates.

Under 300 bulbs take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for ten of a kind and size, and beyond that for multiples of ten.

SPECIAL NOTICE—The prices named in this list cancel all previous lists and are SUBJECT TO CHANGE WITHOUT NOTICE. All sales and contracts are made subject to crop losses or other causes over which we have no control.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility. All shipments travel at risk and expense of purchaser.

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but, in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged at actual cost of material and labor used.

CLAIMS—FOR ANY CAUSE MUST BE MADE PROMPTLY UPON RECEIPT OF GOODS. WE WILL NOT ENTERTAIN CLAIMS AFTER GOODS HAVE BEEN ONCE ACCEPTED, OR WHEN REPORT IS NOT MADE IN WRITING WITHIN TEN DAYS AFTER ARRIVAL OF STOCK.

GUARANTEE—WE GIVE NO WARRANTY, EXPRESSED OR IMPLIED, AS TO LIFE, DESCRIPTION, QUALITY, PRODUCTIVENESS, OR ANY OTHER MATTER OF ANY NURSERY STOCK, SEEDS OR PLANTS THAT WE SELL. IT IS MUTUALLY AGREED THAT OUR TOTAL LIABILITY FOR ANY ERRORS, SHOULD STOCK PROVE UNTRUE TO NAME AS LABELED, SHALL BE LIMITED UPON SATISFACTORY PROOF, TO OUR REPLACING FREE OR REFUNDING PURCHASE PRICE.

THE SHENANDOAH NURSERIES

D. S. LAKE, President

K. D. HOLMES, Vice-Pres.

R. S. MULLISON, Vice-Pres.

A. D. HUNT, Treas.

F. E. TUNNICLIFF, Sec'y.

Please note that caliper shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle.

APPLE and CRAB

							Per 10	Per 100	Per 1000	
Standard First Class, 4½ ft. and up, 11/16 to 1 in.							\$6 50	\$60 00	\$550 00	
"	"	"	4	"	"	"	9/16 to 11/ 16 in.	5 50	50 00	450 00
"	"	"	3	"	"	"	7/16 to 9/16 in.	4 00	35 00	320 00
"	"	"	2	"	"	"	5/16 to 7/16 in.	2 90	25 00	220 00
							11/16-1"	9/16-11/16"	7/16-9/16"	5/16-7/16"
Anoka							50	----		100
Baldwin						200	----	----		100
Banana						30	100	100		70
Beacon							265	2000		1000
Blackben						100	100	200		100
Cortland							400	2000		600
Delicious Dark Red						2500	5500	6500		4500
Delicious Yellow						5500	2500	4500		2500
Dolgo						200	100	----		200
Duchess							200	150		1900
Duchess Dark Red							500	1500		1300
Early Harvest							50	300		275
Fameuse						100	150	150		100
Flame							----	20		150
Florence							----	----		30
Grimes Golden						5500	5500	4500		2500
Haralson							----	500		400
Hyslop							50	70		200
Jonathan						200	1000	1500		500
Jonathan Dark Red						1000	2500	8000		3500
Lodi							20	60		250
McIntosh Dark Red							50	1000		500
McIntosh Early						40	----	40		50
Maiden Blush						500	50	50		50
Melba							20	100		300
Minjon							350	1100		1100
Minn. No. 714							100	200		500
Minn. No. 790							100	150		200
Northern Spy Red							50	200		----
N. W. Greening							500	200		500
Prairie Spy							900	500		----
Red Astrachan							----	----		50
Red June						100	50	700		400
R. I. Greening							----	50		20
Stayman Dark Red						500	750	450		550
Tolman Sweet							----	100		100
Turley						2000	200	1500		700
Victory						150	40	----		----
Virginia						400	----	350		----
Wealthy						200	750	4500		2500
Whitney							----	----		500
Winesap						600	200	1000		700
Yellow Siberian							----	50		50
Yellow Transparent							1500	2000		2300

APPLE—One Year, Mostly Whips

			Per 10	Per 100	Per 1000
4 to 5 ft.			\$4 50	\$40 00	\$350 00
3 to 4 ft.			3 50	30 00	270 00
2 to 3 ft.			2 60	22 00	200 00
18 to 24 inches			1 80	15 00	130 00
	4/5'	3/4'	2/3'	18/24"	
Anoka		750	2000	300	
Banana			35		
Cortland			400		
Delicious Dark Red	500	700	4500	400	
Delicious Yellow	700	1000	1850	100	
Duchess			1500		
Duchess Dark Red		80	800		
Fireside		100	350		
Grimes Golden	100	800	2500	140	
Haralson			300		
Jonathan	700	1100	1200	200	
McIntosh Dark Red		800	1800	300	
N. W. Greening			600		
Prairie Spy			710		
Stayman Dark Red	250	600	800		
Turley	250	200	850		
Wealthy	350	750	3200	150	
Whitney			3500	1100	
Winesap			700		
Yellow Transparent	200	900	1000	250	

CHERRY—Sour

One and Two Year on Mahaleb
Supply Sold Out In All Grades.

CHERRY—Sweet

One and Two Year on Mahaleb

			Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 to 1 in., whips			\$12 00	\$110 00	\$-----
3 ft. and up, 7/16 to 9/16 in., whips			8 00	75 00	-----
2 " " " 5/16 to 7/16 in., whips			6 50	60 00	-----
18 to 24 in., whips			5 00	45 00	-----
	11/16 and up	7/16-9/16"		5/16-7/16"	18/24"
Bing	500	150		70	100
Black Tartarian	150	300		200	200
Governor Wood		60		30	
Napoleon		100		50	
Royal Anne	100	130		100	70
Schmidt		50		40	
Windsor		50		30	
Yellow Spanish	300				

HANSEN'S BUSH CHERRY

(Improved Besseyi)

The fruit is large, sweet, shaped like a plum. Very hardy and bears well in poor soil. Will bear fruit first year planted.

	Per 10	Per 100	Per 1000
600 3 to 4 ft. transplants	\$ 4 00	\$ 35 00	\$
2000 2 to 3 ft. "	2 90	25 00	220 00
500 18 to 24 in. "	2 40	20 00	180 00
700 12 to 18 in. "	1 80	15 00	130 00
900 2 to 3 ft. seedlings branched	1 70	14 00	120 00
1200 18 to 24 in. " "	1 20	10 00	85 00
300 12 to 18 in. " "	90	8 00	.....

PEAR STANDARD

				Per 10	Per 100	Per 1000
One and Two year, 4½ ft. and up, 11/16 to 1 in.				\$11 00	\$100 00	\$-----
" " " " 4 " " " 9/16 to 11/16 in.				9 00	85 00	800 00
" " " " 3 " " " 7/16 to 9/16 in.				8 00	75 00	700 00
" " " " 2 " " " 5/16 to 7/16 in.				6 00	55 00	500 00
	11/16-1"	9/16-11/16"	7/16-9/16"	5/16-7/16"		
Anjou		50	100	70		
Bartlett	150		1200	250		
Clapp's Favorite			30	25		
Douglas		150	200	240		
Duchess			50	70		
Flemish Beauty		20	20	50		
Gorham			70	70		
Kieffer	50	500	600	100		
Lincoln	20		450	400		
Mendel	100	170	100			
Parker		100	370	250		
Patten		200	300	200		

PEACH—One Year

				Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 to 1 in.				\$ 8 00	\$ 75 00	\$-----
4 " " " 9/16 to 11/16 in.				7 00	65 00	-----
3 " " " 7/16 to 9/16 in.				5 00	45 00	-----
2 " " " 5/16 to 7/16 in.				3 50	30 00	270 00
	11/16-1"	9/16-11/16"	7/16-9/16"	5/16-7/16"		
Belle of Georgia	100	100		100		
Champion	500	400		500		
Crawford Early	60					
Crawford Late	100			100		
Delicious	100			50		
Elberta	800		200	1000		
Elberta Early	350	300		600		
Golden Jubilee			200	1000		
Hale Haven			200	1000		
J. H. Hale	30	200	100	1500		
Mayflower		50	50			
Mikado	100		100	50		
Polly	250	250	200	300		
Red Elberta	400	350		400		
Rochester	150	30	50	100		
South Haven	300	50	50	100		
Valiant		50		50		

APRICOT—ONE YEAR

Supply Sold Out In All Grades.

PLUM—TWO YEAR**EUROPEAN and JAPANESE**
(On Myrobolan)

				Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 to 1 in.				\$ 9 50	\$ 90 00	\$-----
4 " " " 9/16 to 11/16 in.				8 50	80 00	-----
3 " " " 7/16 to 9/16 in.				7 50	70 00	-----
2 " " " 5/16 to 7/16 in.				5 50	50 00	-----
	11/16-1"	9/16-11/16"	7/16-9/16"	5/16-7/16"		
Bradshaw			120	70		
Burbank	50		60			
Fellenburg			150	50		
German Prune	50	60				
Green Gage	50		170			
Italian Prune	150	250	500	150		
Lombard	400		60	30		
Reine Claude	400	80	800	200		
Stanley Prune	200		200			
Yellow Egg	270	80	150	50		

PLUM—One Year**AMERICAN and HARDY HYBRIDS**

(On Peach Roots)

			Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	-----		\$ 9 50	\$ 90 00	\$ -----
4 " " " 9/16 to 11/16 in.	-----		8 50	80 00	-----
3 " " " 7/16 to 9/16 in.	-----		7 50	70 00	-----
2 " " " 5/16 to 7/16 in.	-----		5 50	50 00	-----
		11/16" & up 9/16-11/16" 7/16-9/16" 5/16-7-16"			
Compass	10	40		30	-----
Ember	90	-----		130	-----
Hanska	-----	50		250	150
Kaga	20	70		120	100
Kahinta	50	200		450	350
Oka	-----	30		-----	60
Omaha	40	50		50	100
Sapa	10	40		50	100
Toka	90	-----		20	-----
Underwood	10	30		30	-----
Waneta	-----	90		230	20

PLUM—One Year**AMERICAN and HARDY HYBRIDS**

(On Native Roots)

			Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 to 1 in.	-----		\$ 9 50	\$ 90 00	\$ -----
4 " " " 9/16 to 11/16 in.	-----		8 50	80 00	-----
3 " " " 7/16 to 9/16 in.	-----		7 50	70 00	-----
2 " " " 5/16 to 7/16 in.	-----		5 50	50 00	-----
		11/16-1" 9/16-11/16" 7/16-9/16" 5/16-7/16"			
Compass	-----	-----		40	60
Ember	200	-----		90	-----
Fiebing Prize	50	-----		70	20
Golden Rod	-----	200		130	30
Hanska	-----	-----		160	230
Kahinta	10	50		-----	-----
La Crescent	200	20		60	-----
Oka	-----	-----		200	200
Omaha	-----	-----		-----	65
Opata	100	-----		-----	90
Sapa	-----	20		-----	100
Superior	10	30		-----	-----
Terry	-----	10		50	10
Toka	300	-----		-----	30
Underwood	200	120		30	-----
Waneta	-----	-----		-----	50

CURRENTS

Tied, No. 1, 25; No. 2, 50 per Bundle.

			Per 100	Per 1000
1000	Cherry, dark red, 2 Yr. No. 1	-----	\$ 18 00	\$150 00
500	" " " 2 Yr. No. 2	-----	14 00	110 00
1000	Fay's Prolific, dark red, 2 Yr. No. 1	-----	18 00	150 00
500	" " " 2 Yr. No. 2	-----	14 00	110 00
1000	Perfection, bright red, 2 Yr. No. 1	-----	21 00	180 00
500	" " " 2 Yr. No. 2	-----	16 50	140 00
	Red Lake, the light red berries are large in long clusters; thrifty and extremely productive.			
1000	2 Year. No. 1	-----	22 00	200 00
500	Wilder, dark red, 2 Yr. No. 1	-----	18 00	150 00
500	" " " 2 Yr. No. 2	-----	14 00	110 00

GOOSEBERRIES

Tied 25 per Bundle.

		Per 100	Per 1000
	Champion , a regular and heavy bearer of the finest quality. Berries are of medium size, handsome pale-green.		
5000	2 Yr. No. 1	\$ 28 00	\$250 00
350	Downing , pale green, 2 Yr. No. 1	30 00	280 00
300	" " " 2 Yr. No. 2 or 1 Yr. No. 1	25 00	220 00
450	Houghton , dark red, 2 Yr. No. 1	28 00	250 00

RASPBERRIES

Tied 25 per Bundle

		Per 100	Per 1000
	Chief , a Latham seedling, finest early red; heavy producer.		
5000	No. 1 Suckers	\$ 6 00	\$ 55 00
25000	Cumberland , most widely planted black-cap Raspberry. Tips	5 00	45 00
	Morrison , a new blackcap, much larger than Cumberland. Vigorous, disease resistant.		
1500	Tips	7 00	65 00
	Indian Summer , (Red Everbearing), a superior new everbearing variety; large, of high quality.		
3000	1 Yr. No. 1 Suckers	6 50	60 00
	Latham , a large, productive red variety, always in demand.		
15000	No. 1	6 00	55 00
	Sodus , a new very large drought-resistant purple Raspberry; possibly most productive of all Raspberries.		
5000	1 Yr. No. 1 Tips	6 50	60 00

GRAPE VINES

Tied, 2 Yr. No. 1, 50; 2 Yr. No. 2, 100 per Bundle

		Per 100	Per 1000
800	Agawam , red, 2 Yr. No. 1	\$ 18 00	\$150 00
1500	" " 2 Yr. No. 2 or 1 Yr. No. 1	14 00	110 00
200	Beta , black, 2 Yr. No. 1	18 00	150 00
200	" " 2 Yr. No. 2 or 1 Yr. No. 1	14 00	110 00
	Caco , red grape, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens first of September.		
1000	2 Yr. No. 1	20 00	180 00
250	2 Yr. No. 2 or 1 Yr. No. 1	16 00	140 00
17000	Concord , black, 2 Yr. No. 1	15 00	125 00
2000	" " 2 Yr. No. 2 or 1 Yr. No. 1	10 00	85 00
10000	" " 1 Yr. No. 2	7 50	65 00
500	Delaware , red, 2 Yr. No. 1	20 00	180 00
500	" " 2 Yr. No. 2 or 1 Yr. No. 1	15 00	130 00
	Fredonia , earliest black grape. Large clusters of berries with a juicy delicious flavor; vigorous and very hardy.		
1500	2 Yr. No. 1	18 00	150 00
700	2 Yr. No. 2 or 1 Yr. No. 1	14 00	110 00
2500	Moore's Early , black, 2 Yr. No. 1	20 00	160 00
600	" " " 2 Yr. No. 2 or 1 Yr. No. 1	14 00	120 00
2000	Niagara , white, 2 Yr. No. 1	20 00	160 00
500	" " 2 Yr. No. 2 or 1 Yr. No. 1	16 00	120 00
500	Portland , 2 Yr. No. 1	22 50	200 00
	Sheridan , black. Ripens one week later than Concord; better flavor; an excellent keeper.		
500	2 Yr. No. 1	25 00	-----
250	2 Yr. No. 2 or 1 Yr. No. 1	20 00	-----

BLACKBERRIES

Tied 25 per Bundle

		Per 100	Per 1000
200	Alfred, No. 1	\$ 4 50	\$ 40 00
1500	Ancient Britton, No. 1	4 50	40 00
300	Blowers, No. 1	4 50	40 00
500	Early Harvest, No. 1	4 50	40 00
200	Eldorado, No. 1	4 50	40 00
1000	McDonald, No. 1	4 50	40 00
1000	Snyder, No. 1	4 50	40 00

MISCELLANEOUS

		Per 100	Per 1000
15000	Asparagus, Conover's Washington, Palmetto, 2 Yr. No. 1	\$ 2 10	\$ 18 00
25000	" " " " 1 Yr. No. 1	1 40	12 00
	Asparagus, Paradise, a tremendous grower, yielding two to three times as much as other varieties. Exceptionally large; fine flavor; rust-proof.		
10000	2 Yr. No. 1	2 40	20 00
20000	1 Yr. No. 1	1 90	16 00
2000	Boysenberry, Tip plants	7 50	65 00
3000	Boysenberry, Thornless, Tips plants	9 00	80 00
2000	Dewberry, Lucretia, R. C. Plants, No. 1	4 50	40 00
2000	Horse Radish, Crowns	8 00	70 00
5000	" " Cuttings	5 00	45 00
3000	Rhubarb, Victoria, Whole Roots, 2 Yr. 1½ in. and up ..	8 00	75 00
5000	" " " " " 1 to 1½ in.	5 60	50 00
20000	" " " " " 1 Yr. ⅝ to 1 in.	4 50	40 00
15000	" " " " " ½ to ⅝ in.	3 50	30 00
20000	" " " " " ¾ to 1 in.	2 50	20 00
350	Rhubarb, Chipman Red, sweet and of excellent flavor; stems dark red throughout	50 00	-----
700	Rhubarb McDonald, brilliant crimson, very tender stalks of extra large size. Tremendous yielder.	35 00	-----
300	Rhubarb, Ruby, intensely red and of excellent quality; a new hardy variety.	35 00	-----

FOREST TREE SEEDLINGS

Our seedlings are all carefully graded, the crooked and poor seedlings being discarded. We are confident that our stock will please you.

		Per 100	Per 1000
BUCKTHORN (Rhamnus catharticus)			
2500	6 to 12 in.	\$ 2 50	\$ 20 00
CARAGANA arborescens (Siberian Pea Tree)			
7000	6 to 12 in.	2 40	20 00
3500	12 to 18 in.	3 20	28 00
400	18 to 24 in.	4 50	40 00
CATALPA, Western			
13600	6 to 12 in.	90	8 00
19000	12 to 18 in.	1 40	12 00
10000	18 to 24 in.	2 10	18 00
1500	2 to 3 ft.	2 90	25 00
ELM, American (Ulmus americana)			
42000	6 to 12 in.	80	7 00
4000	12 to 18 in.	1 40	12 00
9000	18 to 24 in.	1 90	16 00
ELM, Chinese (Ulmus pumila)			
1000	6 to 12 in.	80	7 00
30000	12 to 18 in.	1 50	12 50
8500	18 to 24 in.	2 10	18 00
2000	2 to 3 ft.	2 90	25 00

FOREST TREE SEEDLINGS—(Continued)

	Per 100	Per 1000
HONEY LOCUST, Thornless (<i>Gleditsia triacanthos inermis</i>)		
1200 6 to 12 in.	\$ 1 20	\$ 10 00
400 12 to 18 in.	1 80	15 00
2000 18 to 24 in.	2 60	22 00
2500 2 to 3 ft.	3 50	30 00
500 3 to 4 ft.	4 50	40 00
LOCUST, Black (<i>Robinia pseudoacacia</i>)		
800 6 to 12 in.	1 20	10 00
5000 18 to 24 in.	2 40	20 00
7000 2 to 3 ft.	3 20	28 00
2000 3 to 4 ft.	4 50	40 00
500 4 to 5 ft.	5 50	50 00
MAPLE, Silver (<i>Acer dasycarpum</i>)		
4000 6 to 12 in.	1 20	10 00
1500 12 to 18 in.	1 80	15 00
5000 18 to 24 in.	2 60	22 00
5000 2 to 3 ft.	3 50	30 00
MULBERRY, Russian (<i>Morus tatarica</i>)		
2000 6 to 12 in.	1 20	10 00
1000 12 to 18 in.	1 90	16 00
6000 18 to 24 in.	2 60	22 00
4500 2 to 3 ft.	3 50	30 00
OAK, Pin, (<i>Quercus palustris</i>)		
3000 6 to 12 in.	2 90	25 00
3000 12 to 18 in.	4 50	40 00
2500 18 to 24 in.	7 00	60 00
250 2 to 3 ft.	9 00	80 00
OLIVE, Russian (<i>Elaeagnus angustifolia</i>)		
2500 6 to 12 in.	2 10	18 00
3700 12 to 18 in.	3 20	28 00
4000 18 to 24 in.	4 50	40 00
900 2 to 3 ft.	6 50	60 00
OSAGE ORANGE (<i>Maculra pomifera</i>)		
8500 6 to 12 in.	70	6 00
7500 12 to 18 in.	1 20	10 00
7500 18 to 24 in.	1 70	14 00
3000 2 to 3 ft.	2 10	18 00
800 3 to 4 ft.	2 90	25 00
WALNUT, Black (<i>Juglans nigra</i>)		
500 12 to 18 in.	3 50	30 00
400 2 to 3 ft.	6 00	55 00

ONE YEAR FROM CUTTINGS

POPLAR (*Populus*)

	Per 100	Per 1000
Carolina and Norway		
400 4 to 5 ft. lightly branched.	\$ 7 50	\$ 65 00
200 5 to 6 ft, " "	8 50	75 00
Lombardy and Volga		
1200 12 to 18 in. whips.	2 90	25 00
500 18 to 24 in. "	4 00	35 00
5000 2 to 3 ft. "	6 00	50 00
2000 3 to 4 ft. "	7 50	65 00
2100 4 to 5 ft. "	9 00	80 00

ONE YEAR FROM CUTTINGS—(Continued)

WILLOW (*Salix*)

		Per 100	Per 1000
Golden			
1000	12 to 18 in.....	\$ 2 10	\$ 18 00
400	18 to 24 in.....	2 90	25 00
3000	2 to 3 ft.....	3 70	32 00
1000	3 to 4 ft.....	5 00	45 00
Niobe (Golden Weeping)			
100	12 to 18 in.....	2 90	25 00
400	18 to 24 in.....	4 00	35 00
2500	2 to 3 ft.....	5 50	50 00

ORNAMENTAL and SHADE TREES

Our Ornamental and Shade trees are first-class, well-shaped, nursery-grown trees; transplanted, and properly spaced to allow ample limb spread,
All calipers are taken 6 inches above the collar.

ASH (*FRAVINUS*)

		Per 10	Per 100
Green (<i>lanceolata</i>) 50-60 ft.			
Shapely, round-headed trees with slender, spreading branches. Hardy.			
60	4 to 5 ft.....	\$ 4 00	\$ 35 00
60	5 to 6 ft.....	5 50	50 00
175	6 to 8 ft.....	8 00	75 00
85	8 to 10 ft.....	11 00	100 00

BUTTERNUT (*Juglans cinerea*) 60-80 ft.

The white walnut. A spreading tree with large leaves; produces edible nuts of good quality.

10	4 to 5 ft.....	6 50	-----
20	5 to 6 ft.....	8 00	-----
30	6 to 8 ft.....	9 50	-----

CRAB, Flowering (*Malus*)

Bechtel (*ioensis plena*) 12-15 ft. May-June. The genuine double-flowering crab; medium-sized tree; hardy. Delicate pink, double, small rose-like flowers; fragrant.

30	18 to 24 in.....	4 50	40 00
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Hopa (Red Flowering Crab) 20-25 ft. April-May. One of the most desirable varieties. An attractive upright-growing tree that becomes literally covered with large, rose-colored flowers. Vrey hardy and free from disease. Planted extensively.

300	18 to 24 in.....	2 90	25 00
320	2 to 3 ft.....	4 00	35 00
420	3 to 4 ft.....	5 50	50 00

CRAB, FLOWERING (*Malus*)

		Per 10	Per 100				
2 to 3 ft.....		\$ 5 00	\$-----				
3 to 4 ft.....		6 50	60 00				
4 to 5 ft.....		8 00	75 00				
5 to 6 ft.....		10 00	90 00				
6 to 8 ft.....		11 00	100 00				
		2/3'	3/4'	4/5'	5/6'	6/8'	
atrosanguinea (Carmine Crab) 15-20 ft. Brilliant single carmine flowers and purplish-bronze foliage.....					30	80	
coronaria (Wild Sweet Crab) 25-30 ft. June. Showy pink flowers resembling wild roses followed by scarlet fruit.		10	40	50	60	--	
Eleyi (<i>purpurea eleyi</i>) 20-25 ft. Attractive reddish foliage in spring. Dark pink single flowers and showy fruit.				20	20	10	
floribunda purpurea (Purple Crab) 25-30 ft. Single crimson flowers; foliage reddish in Spring.....		15	30	50	10		
niedzwetzkyana (Redvein Crab) 15-20 ft. May Purple foliage, wood, and bark; large deep pink flowers; dark red fruit.		20	80	60	--		

ORNAMENTAL and SHADE TREES (Continued)

ELM

American White (*Ulmus americana*) 60-100 ft.

A stately, massive tree that affords ample shade and shelter.

	Per 10	Per 100
200 4 to 5 ft.	\$3 50	\$30 00
330 5 to 6 ft.	5 00	45 00
290 8 to 10 ft.	10 00	90 00
20 1 1/2 to 1 1/2 in.	12 00	110 00

Chinese (*Ulmus pumila*) 40-50 ft.

A hardy, rapid-growing tree; small dense foliage; drought-resistant.

	Per 10	Per 100
350 4 to 5 ft.	\$4 00	\$35 00
600 5 to 6 ft.	5 50	50 00

Lake City

An especially fine strain of the American Elm. Requires no trimming.

	Per 10	Per 100
10 5 to 6 ft.	8 00	
40 6 to 8 ft.	10 00	90 00
30 8 to 10 ft.	13 50	125 00

Moline 80-100 ft.

Narrow pyramidal; rapid-growing; large handsome green foliage. Uniform trees for street or drive planting.

	Per 10	Per 100
40 6 to 8 ft.	10 00	90 00
30 8 to 10 ft.	13 50	125 00

HACKBERRY (*Celtis occidentalis*) 50 ft.

A rare native tree that is rapidly increasing in demand. Light, glossy green foliage; disease and drought-resistant; hardy, healthy, and thrives in all soils.

	Per 10	Per 100
20 4 to 5 ft.	5 00	45 00
130 5 to 6 ft.	6 50	60 00
160 6 to 8 ft.	10 00	90 00
75 8 to 10 ft.	13 50	125 00

LINDEN, American (*Tilia americana*) 60-80 ft.

A stately broad uniform tree with large shining cordate leaves. Fragrant yellow flowers late in June.

	Per 10	Per 100
150 3 to 4 ft.	4 00	35 00
120 4 to 5 ft.	5 50	50 00
20 5 to 6 ft.	8 00	75 00
30 1 1/2 to 2 in.	22 00	200 00
35 2 to 2 1/2 in.	33 00	300 00
90 2 1/2 to 3 in.	44 00	400 00
50 3 to 3 1/2 in.	55 00	500 00
15 3 1/2 to 4 in.	65 00	

MAPLE (Acer)

Golden (*aureum*) 60 ft.

Yellowish-green foliage, and orange-yellow bark make this tree stand out; young trees are very attractive, but lose some of the color with age.

	Per 10	Per 100
15 5 to 6 ft.	4 50	
70 6 to 8 ft.	7 00	65 00
270 8 to 10 ft.	11 00	100 00

Norway (*platanoides*) 50-60 ft.

Forms a perfect rounded head, with large deep green foliage; very hardy, easily transplanted; changes to a pretty pale yellow in the fall.

	Per 10	Per 100
180 5 to 6 ft. whips	5 00	50 00
40 5 to 6 ft. branched	11 00	100 00
60 6 to 8 ft. whips	15 00	125 00
20 8 to 10 ft. "	20 00	150 00
30 2 to 2 1/2 in. "	25 00	200 00
20 2 1/2 to 3 in. "	35 00	300 00
10 3 to 3 1/2 in. "	45 00	400 00

ORNAMENTAL and SHADE TREES—(Continued)

MAPLE (Acer)—(Continued)

Schwedleri (Purple Leaf Maple) 40-50 ft.

A perfectly shaped tree. Gleaming red and purplish-green in Mid-summer, and in Autumn golden yellow.

	Per 10	Per 100
150 5 to 6 ft. whips.....	\$12 00	\$110 00
30 6 to 8 ft. ".....	16 50	150 00
90 8 to 10 ft. ".....	20 00	185 00
80 6 to 8 ft. branched.....	22 00	200 00

Skinner's Cut-Leaved Maple 50-70 ft.

Very graceful, large, cut-leaved form of Silver Maple.

80 4 to 5 ft.....	5 50	50 00
140 5 to 6 ft.....	7 00	65 00
80 6 to 8 ft.....	9 00	85 00

Sugar or Hard (saccharum) 50-70 ft.

One of our most beautiful shade trees. Foliage turns bright orange, sometimes scarlet in Autumn.

20 6 to 8 ft.....	17 50	-----
20 8 to 10 ft.....	22 50	-----
20 1½ to 2 in.....	32 50	-----

MOUNTAIN ASH (SORBUS)

European (aucuparia) 20-40 ft.

Smooth bark and dense, pyramidal heads; berry clusters are large and bright.

30 6 to 8 ft.....	15 50	140 00
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MULBERRY (MORUS)

Russian (alba tatarica) 50-60 ft.

Small, light green leaves; greenish-yellow bark. Fruit varies from white to deep violet, very sweet. A very hardy native tree.

50 4 to 5 ft.....	2 90	25 00
120 5 to 6 ft.....	4 00	35 00
60 6 to 8 ft.....	5 50	50 00

OAK (QUERCUS)

Pin (palustris) 70-80 ft.

A broadly pyramidal tree; the leaves are deep green, glossy and finely divided. Orange-scarlet in Fall. A most desirable shade tree.

30 5 to 6 ft.....	11 00	100 00
40 6 to 8 ft.....	15 00	135 00
20 8 to 10 ft.....	20 00	-----
20 1½ to 2 in.....	30 00	-----
40 2 to 2½ in.....	45 00	400 00
60 2½ to 3 in.....	55 00	500 00
140 3 to 3½ in.....	65 00	600 00
170 3½ to 4 in.....	85 00	800 00
80 4 to 5 in.....	95 00	900 00

Red (rubra) 60-80 ft.

A monarch in the tree world. Heavy, shiny, deep green leaves turning crimson in Fall.

150 5 to 6 ft.....	13 00	120 00
50 6 to 8 ft.....	18 00	165 00
30 8 to 10 ft.....	25 00	225 00
80 1½ to 2 in.....	40 00	350 00
110 2 to 2½ in.....	50 00	450 00

POPLAR (POPULUS)

bolleana 60-80 ft.

Leaves are glossy green above, silvery beneath. A favorite with landscape gardeners to break the outline of most other trees.

40 5 to 6 ft.....	6 50	60 00
120 6 to 8 ft.....	8 00	75 00
80 8 to 10 ft.....	11 00	100 00

ORNAMENTAL and SHADE TREES—(Continued)

POPLAR (POPULUS)—(Continued)

Carolina (Norway variety) 70-80 ft.

Bright green foliage, spreading crown, very hardy. Extremely rapid growth.

	Per 10	Per 100
30 8 to 10 ft.	\$ 8 00	\$ 75 00
30 1¼ to 1½ in.	11 00	100 00

Lombardy 50-60 ft.

Rapid, spire-like growth; fine for screens and formal planting.

160 4 to 5 ft., low-branched	2 40	20 00
600 5 to 6 ft., " "	3 20	28 00
500 6 to 8 ft., " "	4 50	40 00
1500 8 to 10 ft. " "	5 50	50 00

PRUNUS (Plum)

blireiana. 15 ft.

A fine new variety with purple tinted foliage and semi-double apple-blossom-pink flowers.

10 2 to 3 ft.	6 00	.....
25 3 to 4 ft.	7 00	.....
20 4 to 5 ft.	8 00	.....

Newport (Purple-leaved Plum) 15-18 ft.

A large shrub with upright growth; purplish-red foliage. Hardy.

140 5 to 6 ft.	9 50	90 00
15 6 to 8 ft.	10 00	.....

persica (Red Flowering Peach) 15-18 ft.

Double flowers in early Spring. Very showy.

60 18 to 24 in.	4 00	35 00
35 3 to 4 ft.	6 50	60 00

persica (Cardinal) 15 to 18 ft.

Double blooms of rich crimson. An outstanding new variety.

30 2 to 3 ft.	6 00	.....
30 3 to 4 ft.	7 00	.....
40 4 to 5 ft.	8 50	80 00
50 5 to 6 ft.	9 50	90 00

pissardi (Purple Leaf Plum) 15-18 ft.

A small purple-leaved tree that retains its color over a long period.

50 3 to 4 ft.	7 50	70 00
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thundercloud. 20 ft.

The finest of all Purple Leaf Plums. Very hardy.

30 2 to 3 ft.	6 00
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tomentosa (Nanking Cherry) 10-12 ft.

Flowers showy; very hardy. Fruit is used for jams and preserves.

50 3 to 4 ft.	7 50	70 00
40 4 to 5 ft.	8 50	80 00

triloba (Double Flowering Plum) 8-10 ft.

Known also as the "Rose Tree of China". One of our finest shrubs; completely covered with pink rose-like flowers in April and May.

40 2 to 3 ft.	6 50	60 00
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RED BUD (Cercis canadensis) 20-30 ft.

Produces an abundance of reddish-pink flowers in early spring; forms a broad head of glossy, heart-shaped leaves that turn pale yellow in Fall.

140 18 to 24 in.	2 90	25 00
150 2 to 3 ft.	4 50	40 00
350 3 to 4 ft.	6 50	60 00
300 4 to 5 ft.	9 00	85 00
50 5 to 6 ft.	11 00	100 00
200 6 to 8 ft.	14 00	120 00

ORNAMENTAL and SHADE TREES—(Continued)

RUSSIAN OLIVE (*Elaeagnus angustifolia*) 20-25 ft.

Attractive silvery gray leaves, grayish white berries. Desirable for grouping.
Used extensively for windbreaks. Very hardy.

	Per 10	Per 100
70 3 to 4 ft.	\$ 4 50	\$ 40 00
70 4 to 5 ft.	5 50	50 00
20 5 to 6 ft.	6 50	60 00

SYCAMORE (*Platanus*)

American (*occidentalis*) 50-60 ft.

Large leaves, spotted bark. A shapely tree of great beauty.		
10 4 to 5 ft.	4 50	
10 5 to 6 ft.	6 00	
100 8 to 10 ft.	16 00	140 00
60 1 1/4 to 1 1/2 in.	19 00	165 00

THORN (*Crataegus*)

oxyacantha (English Hawthorn) 12-15 ft.

Small, shrub-like tree. Single, white blossoms.

10 3 to 4 ft.	10 00	
10 4 to 5 ft.	11 00	
20 5 to 6 ft.	18 00	150 00

TULIPTREE (*Liriodendron tulipifera*) 90-100 ft.

Beautiful ornamental tree; large leaves, yellow tulip-like flowers.

20 6 to 8 ft.	11 00	60 00
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WILLOW (*Salix*)

babylonica 40-50 ft.

A large, graceful Willow; bright green foliage, long wavy branches.

50 4 to 5 ft.	4 00	35 00
150 5 to 6 ft.	6 50	60 00
50 6 to 8 ft.	10 00	90 00

Niobe (Golden Weeping) 30-35 ft.

A hardy, graceful weeping tree; light green leaves, golden yellow bark.

3000 3 to 4 ft.	2 90	25 00
700 4 to 5 ft.	4 00	35 00
200 5 to 6 ft.	6 50	60 00
100 6 to 8 ft.	10 00	90 00

Pussy (discolor) 20-25 ft.

Very popular for its gray catkins in early Spring. Small, narrow leaves.

50 2 to 3 ft.	3 50	30 00
100 3 to 4 ft.	4 50	40 00
300 4 to 5 ft.	5 50	50 00
300 5 to 6 ft.	6 50	60 00
150 6 to 8 ft.	7 50	70 00

Russian Golden (*vitellina*) 25-30 ft.

Extremely hardy. One of the most wind-resisting windbreak trees.

120 3 to 4 ft.	2 40	20 00
800 4 to 5 ft.	3 50	30 00
700 5 to 6 ft.	5 50	50 00

Wisconsin (*blanda*) 30-40 ft.

The popular green-barked weeping willow. The effect of its graceful, drooping branches can not be matched. Hardy.

50 3 to 4 ft.	3 50	30 00
230 4 to 5 ft.	4 50	40 00
900 5 to 6 ft.	6 50	60 00
50 8 to 10 ft.	12 00	100 00

ORNAMENTAL SHRUBS

Our shrubs are bushy and well rooted, twice transplanted, many of them are graded stronger than is required by the American Nurserymen's Association.

The month indicates the average blooming season; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED—9/12 and 12/18 in., 25; 18/24 in. and 2/3 ft., 10; 3/4 and 4/5 ft., 5 per bundle.

ALMOND (AMYGDALUS) (PRUNUS)

Per 10 Per 100 Per 1000

Pink Flowering (glandulosa) April-May. 5-6 ft.

A beautiful small shrub, bearing an abundance of small, double, rose-like flowers, closely set upon twigs before the leaves appear.

300 12 to 18 in.	\$ 2 90	\$ 25 00	\$
500 18 to 24 in.	4 00	35 00	
400 3 to 3 1/2 ft.	6 00	55 00	

ALTHEA (HIBISCUS SYRIACUS) August-September. 10-12 ft.

Large desirable shrub for group and specimen planting, also used for screens.

12 to 18 in.	1 80	15 00	120 00
18 to 24 in.	2 40	20 00	180 00
2 to 3 ft.	3 20	28 00	250 00
3 to 4 ft.	4 00	35 00	

	12/18"	18/24"	2/3'	3/4'
Anemoneflora , double bright pink	150	100		

Banner, double white; red center 815

Boule de Feu, double purplish-red 100 1700 850

Lucy, very double red 300 4000 3000 100

Purpurea Semi-Plena, semi-double clear purple 600 850 650

Totus Albus, single white 450 275

AMELANCHIER (JUNEBERRY)**canadensis (Downy Shadblow) May. 10-15 ft.**

Dense racemes of pure white flowers followed by edible maroon-purple fruit; blooms profusely.

60 12 to 18 in.	2 60	22 00
30 18 to 24 in.	3 20	28 00

BARBERRY (BERBERIS)**Japanese (thunbergi) 4-5 ft.**

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers, brilliant fall foliage followed by scarlet berries in winter.

50 12 to 15 in.	2 10	18 00
100 15 to 18 in.	2 60	22 00
750 18 to 24 in.	3 20	28 00
350 2 to 2 1/2 ft.	4 50	40 00

Red Leaved Japanese (thunbergi atropurpurea)

Warm bronzy-red foliage, intensified in summer and fall. A brilliant accent shrub; a sunny exposure is necessary for color.

500 9 to 12 in.	2 40	20 00
500 12 to 15 in.	3 20	28 00
600 15 to 18 in.	4 00	35 00

TRUE HEDGE COLUMNBERRY (thunbergi erecta) Plant Patent No. 110. 4-5 ft.

Need not be pruned; extremely formal in shape, more dense, more upright and more richly foliaged than Thunbergi.

	Retail Resale Prices				Wholesale Prices, Net		
	Each	Per 5	Per 25	Per 100	Per 10	Per 100	Per 1000
1000 12 to 15 in.	\$.65	\$ 2.50	\$ 11.00	\$ 40.00	\$ 3.50	\$ 28.00	\$ 250.00
500 15 to 18 in.	.80	3.25	14.50	53.00	4.00	35.00	320.00
500 18 to 24 in.	1.00	4.00	17.50	65.00	5.00	43.00	400.00

ORNAMENTAL SHRUBS—(Continued)

BUCKTHORN (RHAMNUS)**cathartica (Common) June. 6 ft.**

Attractive ovate, dark green leaves, smaller white flowers; black berries. Used extensively for hedging in the north.

		Per 10	Per 100	Per 1000
150	12 to 18 in.....	\$1 20	\$10 00	\$.....
350	18 to 24 in.....	1 80	15 00	.....
750	2 to 3 ft.....	2 40	20 00	.....
150	3 to 4 ft.....	3 20	28 00	.....

BUTTERFLY BUSH (BUDDLEIA) Perennial Shrub. July-September.**Dubonnet, 4-5 ft.**

The new red Butterfly Bush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.

250	Medium	2 40	20 00	.....
300	No. 1	2 90	25 00	.....

Ile de France, dark claret-purple. Long spikes; free-flowering and vigorous grower. Blooms profusely.

300	Medium	2 40	20 00	.....
250	No. 1	2 90	25 00	.....

CEPHALANTHUS occidentalis (Button Bush) July. 5-6 ft.

A showy native shrub, particularly desirable in damp soils. Clean glossy foliage and spherical balls of small white flowers.

275	12 to 18 in.....	1 90	16 00	.....
350	18 to 24 in.....	2 60	22 00	.....
80	2 to 3 ft.....	3 50	30 00	.....

CORNUS (DOGWOOD)**alba siberica (Coral Dogwood) April-May. 8-10 ft.**

Stout, erect, bright red branches; white flowers, porcelain-blue berries.

1200	12 to 18 in.....	1 80	16 00	140 00
600	18 to 24 in.....	2 60	22 00	.....
500	2 to 3 ft.....	3 50	30 00	.....

stolonifera (Redosier Dogwood) May-June. 6-8 ft.

Spreading but erect growing; white flowers and berries; dark red bark.

750	12 to 18 in.....	1 80	16 00	140 00
700	18 to 24 in.....	2 60	22 00	200 00
1000	2 to 3 ft.....	3 50	30 00	270 00

stolonifera lutea (Gold Twig Dogwood) 6-8 ft.

A striking yellow-branched form of Stolonifera; of high decorative value.

700	12 to 18 in.....	1 90	16 00	140 00
500	18 to 24 in.....	2 60	22 00	200 00

CYDONIA japonica (Japan Flowering Quince) March-April. 5-6 ft.

Clusters of orange-scarlet flowers; spicily fragrant rounded fruits. Dark shiny foliage; bushy, dense growth.

1000	12 to 18 in.....	1 90	16 00	140 00
1500	18 to 24 in.....	2 60	22 00	200 00
2000	2 to 3 ft.....	3 50	30 00	270 00
90	3 to 3½ ft.....	4 50	40 00	.....

DEUTZIA**Pride of Rochester. May. 8-10 ft.**

A tall, broad-topped bush, double white flowers tinged pink.

200	12 to 18 in.....	1 90	16 00	.....
170	18 to 24 in.....	2 60	22 00	.....
30	2 to 3 ft.....	3 00	.....	.....

ORNAMENTAL SHRUBS—(Continued)**ELDER (SAMBUCUS)****Golden American (canadensis aurea) June-July. 8-10 ft.**

Hardy, rapid-growing shrub; broad, golden-yellow leaves, tiny white blooms.

	Per 10	Per 100	Per 1000
100 12 to 18 in.	\$2 40	\$20 00	\$-----
100 18 to 24 in.	3 20	28 00	-----
300 2 to 3 ft.	4 00	35 00	-----
100 3 to 4 ft.	5 00	45 00	-----

EXOCHORDA grandiflora (Pearl Bush) May-June. 8-10 ft.

A smooth, vigorous growing shrub. Pearl-like buds open into large, fragrant, pure-white flowers. Prefers moist soil; will thrive in shade.

100 12 to 18 in.	1 90	16 00	-----
150 18 to 24 in.	2 60	22 00	-----

FORSYTHIA (GOLDEN BELL)**intermedia spectabilis (Showy Border Forsythia) April. 6-8 ft.**

Hardest of all Forsythias. Very profuse bloomer; rich yellow flowers.

100 2 to 3 ft.	3 50	30 00	-----
200 3 to 4 ft.	4 50	40 00	-----

HONEYSUCKLE (Lonicera)**grandiflora rosea (Bride Honeysuckle) April-May. 12-15 ft.**

Rose-pink flowers in abundance, green rounded foliage.. Upright growth.

100 12 to 18 in.	1 90	16 00	-----
600 18 to 24 in.	2 60	22 00	200 00
600 2 to 3 ft.	3 50	30 00	270 00
300 3 to 4 ft.	4 50	40 00	360 00

morrowi (Morrow Honeysuckle) May-June. 5-6 ft.

Yellowish-white flowers, followed by red fruit. Broad-spreading growth.

300 12 to 18 in.	1 90	16 00	-----
1000 18 to 24 in.	2 60	22 00	200 00
250 2 to 3 ft.	3 50	30 00	-----

Tatarian Pink (tatarica rosea) April-May. 10-12 ft.

The well-known pink-flowering Honeysuckle; hardy vigorous grower; red fruit; popular.

100 12 to 18 in.	1 90	16 00	-----
400 18 to 24 in.	2 60	22 00	200 00
200 2 to 3 ft.	3 50	30 00	270 00
400 3 to 4 ft.	4 50	40 00	360 00

Tatarian Red (tatarica rubra) April-May. 10-12 ft.

We offer the improved strain (Zabeli), the true red Honeysuckle. Attractive dark green foliage; a splendid variety.

350 12 to 18 in.	1 90	16 00	-----
200 18 to 24 in.	2 60	22 00	200 00
450 2 to 3 ft.	3 50	30 00	270 00
2000 3 to 4 ft.	4 50	40 00	360 00

Tatarian White (tatarica alba) April-May. 10-12 ft.

White to creamy-white flowers; upright growth. Red berries.

900 18 to 24 in.	2 60	22 00	200 00
2200 2 to 3 ft.	3 50	30 00	270 00

KOLKWITZIA amabilis (Beauty Bush) May. 4-6 ft.

A mass of arching sprays of pale pink, tubular flowers. Very hardy.

650 12 to 18 in.	3 50	30 00	-----
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LILAC (Syringa)**Common Purple (vulgaris) April-May. 12-15 ft.**

The standard old-fashioned garden variety; single bluish-purple flowers. Thrives well in partial shade.

1000 12 to 18 in.	2 10	18 00	160 00
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Persian Purple (persica) April-May. 8-10 ft.

Slender arching branches, small leaves and lilac flowers.

1000 2 to 3 ft.	4 00	35 00	320 00
600 3 to 4 ft.	5 00	45 00	400 00

rothomagensis (chinensis) April-May. 8-10 ft.

Upright, vigorous growth, slender branches; reddish-lilac flowers in broad panicles. Free-flowering and hardy.

3000 2 to 3 ft.	4 00	35 00	320 00
1500 3 to 4 ft.	5 00	45 00	400 00

ORNAMENTAL SHRUBS—(Continued)

PHILADELPHUS (MOCK ORANGE, SYRINGA)

coronarius (Sweet Mock Orange) May-June. 8-10 ft.

The old-fashioned sweet-scented Mock Orange; free-flowering and vigorous.

	Per 10	Per 100	Per 1000
2000 12 to 18 in.	\$1.90	\$16.00	\$140.00
2400 18 to 24 in.	2.60	22.00	200.00
300 2 to 3 ft.	3.50	30.00	1000.00

grandiflorus (Scentless Mock Orange) May-June. 10-12 ft.

Large scentless white flowers in clusters; branches somewhat straggling.

500 12 to 18 in.	1.90	16.00	140.00
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Virginal May-June. 7-8 ft.

Semi-double, fragrant white flowers, much larger than any other variety. Blooms intermittently all summer.

1000 12 to 18 in.	3.20	28.00	
1000 18 to 24 in.	4.00	35.00	

PHYSOCARPUS

opulifolius nana (Dwarf Ninebark) May-June. 4-5 ft.

A valuable, hardy, low-growing shrub. Dwarf form, dense growth. White flowers followed by small red seed pods.

500 12 to 18 in.	1.90	16.00	
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PRIVET (LIGUSTRUM)

Amur River North (amurense) June. 8-12 ft.

Vigorous, upright growth; white flowers followed by black berries. Hardy.

	Per 10	Per 100	Per 1000
1000 9 to 12 in., branched	\$4.50	\$40.00	
2500 12 to 18 in., 3 canes and up	5.60	50.00	
1000 12 to 18 in., 3 " " "	7.70	60.00	
8000 18 to 24 in., 3 " " "	9.00	80.00	
5000 2 to 3 ft., 2 and 3 canes and up	9.00	80.00	
8000 2 to 3 ft., 4 canes and up	14.00	120.00	

California (ovalifolium) June-July. 8-12 ft.

Beautiful glossy, almost evergreen foliage. Not as hardy as Amur River.

500 9 to 12 in., branched	4.00	35.00	
5000 12 to 18 in., 3 canes and up	5.60	50.00	
9000 18 to 24 in., 3 " " "	7.50	65.00	
1500 2 to 3 ft., 4 canes and up	9.00	80.00	

ibolium (Hardy California) June-July. 6-8 ft.

Very similar to, but much hardier than California Privet, not as evergreen.

1000 2 to 3 ft.	12.00	100.00	
3000 3 to 4 ft.	14.00	120.00	

Regel (regelianum) 6-8 ft.

Low, dense growth, horizontal, spreading branches, berries remain all winter.

2000 12 to 18 in.	19.00	160.00	
2000 18 to 24 in.	25.00	220.00	

Thompson's (thompsoni)

Rapid-growing; bushy; very desirable.

500 18 to 24 in.	12.00	100.00	
1200 2 to 3 ft.	16.00	140.00	

PRUNUS, Ornamental Plums. (See Deciduous Trees)

QUINCE JAPONICA. (See Cydonia)

RHUS (SUMAC)

aromatica (canadensis) Fragrant Sumac. April-May. 5-6 ft.

Low spreading shrub with clusters of small yellow flowers, red berries; fragrant foliage turns to orange and scarlet in the Fall.

	Per 10	Per 100	Per 1000
90 12 to 18 in.	\$2.40	\$20.00	
150 18 to 24 in.	2.90	25.00	
250 2 to 3 ft.	3.50	30.00	
70 3 to 4 ft.	4.50	40.00	

ORNAMENTAL SHRUBS—(Continued)**RHUS (SUMAC)—(Continued)****Cut Leaf (typhina laciniata) 8-10 ft.**

Finely dissected leaves that turn a brilliant red in Fall. Very ornamental.

	Per 10	Per 100	Per 1000
350 12 to 18 in.	\$1 90	\$16 00	\$
500 18 to 24 in.	2 60	22 00	
500 2 to 3 ft.	3 50	30 00	

Smooth (glabra) 6-10 ft.

Dwarf habit; rich Autumn coloring; red seeds in clusters.

300 12 to 18 in.	1 70	14 00	
500 18 to 24 in.	2 40	20 00	
250 2 to 3 ft.	2 90	25 00	

Staghorn (typhina) June-July. 12-20 ft.

Flowers green, borne in dense terminal panicles; red berries and foliage in Autumn. Thrives in poor, rocky soil.

60 12 to 18 in.	1 70	14 00	
250 18 to 24 in.	2 40	20 00	180 00
600 2 to 3 ft.	2 90	25 00	220 00
400 3 to 4 ft.	4 00	35 00	320 00
500 4 to 5 ft.	5 00	45 00	

SNOWBALL (See Viburnum)**SPIREA****Anthony Waterer. June-September. 3-3½ ft.**

Very dwarf; free-flowering. Produces flat rose-red flower heads.

30 12 to 15 in.	2 20		
120 15 to 18 in.	3 20	28 00	
120 18 to 24 in.	4 00	35 00	
30 2 to 2½ ft.	4 50	40 00	

arguta (Garland) April-May. 5-6 ft.

Small, fern-like foliage; slender branches; minute pure white flowers.

400 12 to 18 in.	1 90	16 00	140 00
50 18 to 24 in.	2 60	22 00	

billiardi Pink. July-September. 5-6 ft.

Strong growth. Dull green foliage; dense panicles of lilac-pink flowers.

1200 12 to 18 in.	1 90	16 00	
200 18 to 24 in.	2 60	22 00	
500 2 to 3 ft.	3 50	30 00	
700 3 to 4 ft.	4 50	40 00	

froebeli (Froebel) May-June. 3-4 ft.

Dwarf growth, vigorous and very hardy; large flat heads of rosy-pink flowers. Foliage turns brilliant red in Autumn.

2500 12 to 18 in.	2 10	18 00	160 00
2000 18 to 24 in.	2 90	25 00	220 00

Korean (trichocarpa) June. 5-6 ft.

Large flat heads of white flowers. Similar to Vanhoutte; blooms later.

100 12 to 18 in.	1 70	14 00	
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thunbergi (Thunberg Spirea) April. 3-4 ft.

Light green foliage; pure white flowers. Resembles Arguta but branches are arched; the plant is more dwarf. Foliage turns to orange-red in Autumn.

800 12 to 18 in.	1 90	16 00	
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vanhoutte April-May. 5-6 ft.

A most desirable shrub for hedges, base planting and mass planting; gracefully arching branches; fragrant white flowers in clusters.

3000 12 to 18 in.	1 70	14 00	120 00
200 18 to 24 in.	2 10	18 00	
2000 2 to 3 ft.	2 90	25 00	

ORNAMENTAL SHRUBS—(Continued)

SYMPHORICARPOS (SNOWBERRY)

chenaulti (Improved Coralberry) June-July. 4-5 ft.

Small white fruit with red dots; a hybrid originating in the Arnold Arboretum.

	Per 10	Per 100	Per 1000
300 12 to 18 in.	\$1 60	\$14 00	\$120 00
750 18 to 24 in.	2 10	18 00	160 00
1200 2 to 3 ft.	2 90	25 00	220 00

racemosus (Common White Snowberry) June-July. 3-5 ft.

A fine general-purpose shrub; adapted to shady locations; maintains a good green foliage. Pink flowers, white berries.

100 12 to 18 in.	1 60	14 00	-----
300 18 to 24 in.	2 10	18 00	160 00
1500 2 to 3 ft.	2 90	25 00	220 00

vulgaris (Indian Currant; Coralberry) June-July. 4-6 ft.

A hardy native shrub; pink flowers, purplish-red berries in bunches.

150 12 to 18 in.	1 60	14 00	-----
500 18 to 24 in.	2 10	18 00	160 00
100 2 to 3 ft.	2 90	25 00	-----

TAMARIX

12 to 18 in.	1 90	16 00	-----
18 to 24 in.	2 60	22 00	-----
2 to 3 ft.	3.50	30 00	-----

africana. May. 10-12 ft.

Slender spreading branches, reddish-brown bark, pink flowers

12/18"	18/24"	2/3'
200	800	100

amurensis (Amur Tamarix) August-September. 8-10 ft.

Purple branches; graceful foliage. Thrives in dry soil.

100	-----
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hispida (Kashgar Tamarix) August-September. 12-15 ft.

Slow, compact, upright growth; long panicles of bright pink flowers.

150	250	250
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odessana (Odessa Tamarix) July. 6-8 ft.

Dwarf, bushy growth; loose panicles of lavender-pink flowers.

40	50	100
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VIBURNUM

Per 10 Per 100 Per 1000

carlesi (Fragrant Viburnum) May. 4-5 ft.

One of the most desirable of all Viburnums. Semi-dwarf growth; dark green foliage; distinct pink-tinted wax-like flowers in clusters. Very fragrant.

50 15 to 18 in.	\$ 8 00	\$ 75 00	\$ -----
75 18 to 24 in.	11 00	110 00	-----
250 2 to 3 ft.	14 00	125 00	-----

dentatum (Arrowwood) May. 10-12 ft.

A splendid massing shrub, beautiful glossy green foliage, greenish-white flowers; bluish-black berries. Withstands considerable shade.

250 12 to 18 in.	\$1 80	\$16 00	-----
50 18 to 24 in.	2 60	22 00	-----

opulus sterilis (Common Snowball) April-May. 10-12 ft.

Well known and justly popular. Flowers appear in numerous compact balls.

1000 12 to 18 in.	3 20	28 00	-----
200 18 to 24 in.	4 00	35 00	-----

WEIGELA (DIERVILLA)

Eva Rathke (Red Flowering Weigela) May-June. 4-5 ft.

Attractive foliage; clear ruby-red trumpet-shaped flowers over long season.

500 12 to 18 in.	3 20	28 00	250 00
100 18 to 24 in.	4 00	35 00	-----
100 2 to 3 ft.	5 00	45 00	-----

rosea (Pink Weigela) May-June. 6-8 ft.

Erect, compact growth; fine rose-colored flowers. Used extensively.

100 12 to 18 in.	1 90	16 00	-----
250 2 to 3 ft.	3 50	30 00	-----
250 3 to 4 ft.	4 50	40 00	-----

CLIMBING VINES

Tied, 2 year Medium, 25; 2 year No. 1, 10; 3 year, 5 per bundle.

AMPELOPSIS

engelmanni (Engelmann Creeper) 30-40 ft.

Per 10 Per 100 Per 1000

Self-clinging woodbine. Very hardy. Dark green five-lobed leaves turning brilliant crimson in Fall; Blue-black fruit.

2000	2 Year, Medium	\$ 1 90	\$ 16 00	\$140 00
2500	" " No. 1	2 40	20 00	180 00

quinquefolia (Virginia Creeper) July-August. 30-40 ft.

A perfectly hardy, rapid climber; large, five-lobed leaves which change to bright scarlet in Autumn.

200	2 Year, Medium	1 90	16 00	-----
100	" " No. 1	2 40	20 00	-----

veitchi (Tricuspidata) Boston Ivy. 40-50 ft.

Dark green, usually three-lobed leaves; will cling perfectly to the smoothest surfaces. Changes to shades of yellow, orange and scarlet in Autumn. When once established, it is quite hardy.

10000	2 Year, Medium	2 90	25 00	220 00
4000	" " No. 1	3 50	30 00	270 00

BIGNONIA

radicans (Trumpet Creeper) July-August. 20-30 ft.

A robust, woody fern-leaf vine; twining tightly with numerous roots along its stems; trumpet-shaped orange-scarlet flowers in clusters.

250	2 Year, Medium	1 90	16 00	-----
500	" " No. 1	2 60	22 00	-----

CELASTRUS

scandens (American Bittersweet) 20-25 ft.

Light green, glossy foliage; large clusters of orange-scarlet fruit in graceful sprays retained throughout the winter.

2000	2 Year, Medium	2 10	18 00	160 00
1500	" " No. 1	2 90	25 00	220 00

HONEYSUCKLE (LONICERA)

Gold Flame. May until Frost. 15-20 ft.

Flowers flame-coral, inside clear yellow, produced in clusters.

300	2 Year, No. 1	4 50	40 00	-----
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Hall's Japan (Japonica Halliana) July-October. 20-25 ft.

Fragrant, pure white flowers, changing to yellow; almost evergreen.

1500	2 Year, Medium	1 70	14 00	120 00
1000	" " No. 1	2 10	18 00	160 00

Scarlet Trumpet (sempervirens) May-August. 10-25 ft.

A half-climbing shrub; dark green foliage, orange-scarlet tubular flowers.

7000	2 Year, Medium	2 10	18 00	160 00
2500	" " No. 1	2 60	22 00	200 00

Summer King (Heckrotti) May until Frost. 15-20 ft.

Large fragrant flame-red trumpets lined with gold and rose are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease- and pest-free.

300	2 Year, Medium	3 70	32 00	-----
200	" " No. 1	4 50	40 00	-----

MATRIMONY VINE (Lycium chinensis) June-September. 6-12 ft.

Purple flowers, crimson fruits; a vigorous woody vine for embankments, etc.

150	2 Year, Medium	1 40	12 00	-----
200	" " No. 1	1 90	16 00	-----

POLYGONUM auberti

(Silver Lace Vine; Chinese Fleecevine) July-September 25-30 ft.

A fast-growing, twining vine; light green leaves, fleecy white flowers.

2000	2 Year, No. 1	3 50	30 00	-----
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SHEN HEDGING

Lighter grade than regular shrub grade; strong hedging grade.

BARBERRY, (BERBERIS)

thunbergi (Japanese Barberry)

2000 9 to 12 in., 2 Year Seedlings

Per 100 Per 1000
\$ 8 00 \$ 70 00

BUCKTHORN (Rhamnus) catharticus (See forest tree seedlings)

CARAGANA, arborescens (See forest tree seedlings)

HONEYSUCKLE (Lonicera)

Tatarian-Pink, Red, White

9 to 12 inches	7 00	60 00
12 to 18 inches	8 50	75 00
18 to 24 inches	12 00	100 00
9/12" 12/18" 18/24"	1000	500
Pink	500	500
Red	500	500
White	200	2000

MULBERRY Russian (see forest tree seedlings)

PRIVET—See Ornamental Shrubs.

RUSSIAN OLIVE (See Forest tree seedlings)

SPIREA vanhouttei

10000 9 to 12 inches	\$ 6 00	\$ 50 00
20000 12 to 18 inches	9 00	80 00
8000 18 to 24 inches	12 00	100 00

EVERGREENS

While we have an ample supply of most varieties and grades of evergreens in our fields, we are not offering them in this list.

Early bookings for delivery this spring have been very heavy and due to the shortage of labor we doubt that we will be in position to accept additional orders. However the situation may improve and we suggest if you are needing evergreens that you write to us between April 1st and 15th. By that time we should know whether we can accept further orders.

In most instances prices published in our fall 1946 price list will be in effect.

ROSES

(Continued)—TEA, HYBRID TEA, AND EVERBLOOMING ROSES

Our roses have received the best possible care. They have been dusted and sprayed regularly during the growing season and were not dug until thoroughly ripened.

All of our roses are stored in our new cold storage, one of the most modern and best of its kind in the country. Temperature and humidity being automatically controlled.

All roses are tied No. 1 and No. 1½, 10 per bundle, No. 2, 25 per bundle. We do not break bundles.

TEA, HYBRID TEA, AND EVERBLOOMING ROSES

	Per 10	Per 100	
Assorted as follows, No. 1	\$ 6.50	\$ 60.00	
" " " No. 1½	5 00	45 00	
" " " No. 2	3 50	30 00	
	No. 1	No. 1½	No. 2
Ami Quinard , dark velvety crimson, almost black, fragrant.	1000	300	70
Briarcliff , a very popular soft-rose-pink sport of Columbia.	150	100	30
Caledonia , long buds, large, double, lasting blooms of pure white.	750	250	30
Christopher Stone , alive with vivid scarlet, petals glowing with a velvety sheen. Deliciously scented. Very popular.	1000		300
Columbia , glistening rose-pink, long stems, vigorous, very fragrant.	200	500	300
Condesa de Sagato , petals are coppery-pink inside, golden reverse.	1500	1500	500
Editor McFarland , shapely buds and double, brilliant pink blooms; profuse.	1000	2000	1000
E. G. Hill , great, massive blooms of deep, velvety-maroon; very fragrant.	100	50	250
Edith Nellie Perkins , delicate color blends of light, cerise-pink and gold.		200	30
Etoile de Hollande , one of the best dark red roses; a strong grower, free flowering, very fragrant.		300	150
Golden Charm , deep yellow sport of Talisman.	1500	300	100
Grenoble , one of the better reds, double, scarlet-red blooms on long stems; very vigorous grower; profuse and hardy.	1000	50	200
Gruss an Teplitz , deep scarlet crimson flowers in clusters, a free and continuous bloomer; one of the hardiest varieties.	1200	400	
K. A. Viktoria , very popular, free-flowering, double, pure white.	1500	300	200
McGredy's Ivory , ivory white, perfectly shaped double blooms; sweet scented.	800		
McGredy's Yellow , well formed flowers of bright buttercup-yellow. Glossy, bronzy green leaves, dark red stems, disease-resistant.	1200		100
Mme. Joseph Perraud , a superb rose blending light gold and shell pink into an indescribably beautiful shade of golden buff.		300	100
Mme. Jules Bouche , white with blush tints at center, good grower.			

ROSES—(Continued)

TEA, HYBRID TEA, AND EVERBLOOMING ROSES—(Continued)

	No. 1	No. 1½	No. 2
Picture , warm pink, undertones of salmon; a strong, vigorous new rose.	1700	700	200
Pink Dawn , deep rose-pink, lightly toned orange; perfectly formed flowers.	1000	---	100
Poinsettia , one of the most brilliant red roses ever produced. Poinsettia-scarlet, a good grower and fine as a cut flower.	3000	150	300
Pres. H. Hoover , a glorious rose; cerise toned yellow, orange and scarlet; very fragrant.	400	700	300
Radiance , large, brilliant rose-pink; very fragrant. A most popular variety.	1000	1200	100
Red Radiance , bright rosy-red, free-blooming, delightfully fragrant.	4000	4000	750
Rouge Mallerin , large, lasting, velvety red; very double blooms.	---	---	500
Soeur Therese , double rich yellow blooms; vigorous, upright, profuse.	1000	300	2000
Talisman , golden-yellow, stained coppery-red and orange-rose; a favorite variety.	5000	---	500
The Doctor , a great achievement in rose breeding. The buds are long and pointed; enormous blooms of silvery pink. Intensely fragrant.	700	350	250
Yellow Sastago , vigorous yellow sport of the popular bush variety.	500	---	200

HYBRID PERPETUAL ROSES

	Per 10	Per 100	
Assorted as follows, No. 1 -----	\$ 6 50	\$ 60 00	
" " " No. 1½ -----	5 00	45 00	
" " " No. 2 -----	3 50	30 00	
	No. 1	No. 1½	No. 2
American Beauty , a very popular cerise-red variety. -----	---	750	100
Frau Karl Druschki , very popular large pure white. -----	---	200	---
Paul Neyron , dwarf-bushed; gigantic rose-pink, fragrant flowers. -----	400	250	---

BABY OR DWARF POLYANTHA ROSES

	Per 10	Per 100	
Assorted as follows, No. 1 -----	\$ 6 50	\$ 60 00	
" " " No. 1½ -----	5 00	45 00	
" " " No. 2 -----	3 50	30 00	
	No. 1	No. 1½	No. 2
Cameo , shell pink and salmon with a glow of gold; blooms continuously. -----	150	200	100
Ellen Poulsen , splendid bright rose-pink flowers of large size; fragrant. -----	100	50	---
Golden Salmon Supreme , large clusters of striking reddish-orange flowers; low growth. -----	200	50	---
Ideal , dark scarlet in immense compact clusters; free flowering. -----	500	100	---
Lafayette Improved , large flowers of bright cherry-crimson. -----	200	300	---
Poulsen's Yellow , copper buds, yellow flowers semi-double. Intensely fragrant. -----	300		300

ROSES—(Continued)**FLORIBUNDA ROSES**

		Per 10	Per 100
Assorted as follows, No. 1	-----	\$ 6 50	\$ 60 00
“ “ “ No. 1½	-----	5 00	45 00
“ “ “ No. 2	-----	3 50	30 00

	No. 1	No. 1½	No. 2
Baby Chateau , Deep red blooms, one of the best of it's type.		300	100
Else Poulsen , lasting bright rose-pink flowers; semi double.	300	300	50
Gruss an Aachen , large light, flesh-pink and salmon yellow.	30	100	

CLIMBERS and RAMBLERS

	Per 10	Per 100	Per 1000
Climbing American Beauty , crimson flowers in clusters.			
200 No. 1	\$ 5 50	\$ 50 00	\$
200 No. 2	3 00	25 00	
Crimson Rambler , scarlet crimson flowers in large clusters.			
1000 No. 1	5 00	45 00	
500 No. 1½	4 00	35 00	
Dorothy Perkins , minature shell pink flowers in clusters.			
200 No. 1	4 50	40 00	
600 No. 1½	3 50	30 00	270 00
700 No. 2	2 50	22 00	200 00
Excelsa , intense scarlet, large clusters of small flowers.			
3000 No. 1	4 50	40 00	350 00
2500 No. 1½	3 50	30 00	270 00
1000 No. 2	2 50	22 00	200 00
Gardenia , creamy-yellow flowers in small sprays; quite hardy.			
100 No. 1½	4 00	35 00	
30 No. 2	2 90	25 00	
Mary Wallace , semi-double flowers of vivid pink; hardy.			
60 No. 1	5 50	50 00	
30 No. 1½	4 50	40 00	
Paul's Scarlet Climber , large, intense scarlet flowers borne in clusters; free-flowering and hardy.			
500 No. 1	5 50	50 00	450 00
5000 No. 1½	4 50	40 00	350 00
3000 No. 2	3 50	30 00	250 00
Primrose , double, canary-yellow flowers; hardy.			
300 No. 1	5 50	50 00	
150 No. 1½	4 50	40 00	
150 No. 2	3 50	30 00	

RUGOSA, HYBRIDS AND MISCELLANEOUS

F. J. Grootendorst, small, frienged flowers of bright red,

produced freely throughout the growing season.

100 2 to 3 ft.	6 50	60 00	
1500 No. 1½	4 50	40 00	350 00

HARDY PERENNIAL PLANTS

Our assortment of Hardy Perennial, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as the indispensable old favorites.

We offer Field Grown, clean, well-rooted individual plants that are vigorous and free from disease.

Our perennials are properly packed with fresh, clean packing material in well ventilated boxes.

All perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root. Starred varieties (*) especially suited for rock-garden.

*ALYSSUM, Rock Madwort

saxatile compactum, yellow. 1 ft. May \$1 20 \$10 00

ANCHUSA, Bugloss

azure dropmore (Italica Dropmore), blue flower spikes, 4-5 ft. All Summer 1 20 10 00

*myosotidiflora, dainty blue flowers, resembling Forget-me-nots borne in branching sprays. 12 in. April-May. 1 80 15 00

AQUILEGIA, Columbine. May-June.

Chrysanth, best long-spurred golden yellow flowers. 2½ ft. Late 1 80 10 00

Chrysanth Silver Queen, best long-spurred pure white. 2½ ft. 1 40 12 00

coerulea (Rocky Mountain Blue Columbine) 2 ft. 1 40 12 00

Dobbies Imperial Hybrids. Fine wide assortment of colors, very sturdy, of great size. A recent English Triumph. 1 20 10 00

Mrs. Scott Elliott Hybrids, a dependable and recommended strain of long-spurred columbines. 2½ ft. 1 20 10 00

Lavender and Blue Shades, long-spurred flowers. 2 ft. 1 40 12 00

Pink and Rose Shades, long-spurred flowers. 2 ft. 1 40 12 00

Ruby and Crimson Shades, long-spurred flowers. 2 ft. 1 40 12 00

ARTEMISIA—Southernwood; Sage Brush

Silver King, a striking, white-leaved, contrast plant, entire color effect bright frosted silver. Dries perfectly. 3 ft. 1 80 15 00

ASTERS, HARDY—Starwart or Michaelmas Daisy. Sept.-Oct.

Barrs Pink, a selected strain of compact bushy growth. Clear rose-pink flowers. 3-4 ft.—\$100.00 Per 100 1 40 12 00

Beechwood Challenger, clear crimson-red, free-flowering, 3½ ft. 1 80 15 00

Blue Gown, finest late blue variety. Huge blossoms of deep blue. Most ideal for cutting. 3-4 ft. 2 10 18 00

Blue Plume, large, nearly double flowers of rich, deep purple. A choice introduction. 3-4 ft. 2 10 18 00

Hilda Ballard, beautiful opalescent mauve or lilac color, of great size. 1 80 15 00

Mt. Everest, the finest and best white Aster. 3-4 ft. 1 80 15 00

Red Cloud, large deep red flowers on medium tall plants. 2 10 18 00

Violetta, semi-double flowers of deep violet blue completely covering the entire plant. One of the best. 2 10 18 00

BUDDLEIA, Butterfly Bush—(See Ornamental Shrubs)

CAMPANULA, Bellflower.

*carpatica (Carpathian Bellflower) Dwarf, compact tufts of large clear blue flowers. June-October. 8 in. \$1 40 \$12 00

calycanthyma (Cup-and-Saucer Bellflower) Blue, Rose and White separate colors. June. 2 ft. 1 40 12 00

medium (Single canterburybells), large bell-shaped flowers. Blue, Rose and White, separate colors. June. 2 ft. 1 40 12 00

PERENNIALS—(Continued)

HARDY CHRYSANTHEMUMS

STANDARD AND KOREAN VARIETIES

Strongly Developed Field Grown Clumps.

	Per 10	Per 100
Algonquin , a very hardy variety, with healthy foliage. Pure. bright yellow flowers; large and double. Early.	\$1 80	\$ 15 00
Avalanche . Large well formed double white flowers in great quantities. A beautiful white chrysanthemum. 2½ to 3 ft. Late Sept.	2 10	18 00
Challenger , a very nice bright bronzy red with good strong stems. Sept.	2 40	20 00
Clara Curtis , produces great masses of fragrant pink, daisy-like flowers. Early September. Single.	1 40	12 00
Commander , a new flowering style in the Cushion group, red double daisy-like with a bright yellow center. Early Fall.	1 80	15 00
Crawford Cream , a creamy white. Double. Late Sept.	1 80	15 00
Cydonia , one of the brightest colored varieties. Double flowers of a brilliant orange-mahogany.	1 40	12 00
Dahlia Flower , low growing branchy plants covered with bloom of a deep wine red.	1 80	15 00
Dean Kay Yellow . An enchanting progression in the valuable Dean Kay series. Bright golden yellow flowers.	2 10	18 00
Dean Ladd . Another of the Dean Kay series, prominent for its very early flowering date. Flowers are double, reddish-bronze, a unique autumn color.	2 10	18 00
Gold Standard , a very deep yellow, with broad florets. Does not fade in sun or rain. May be grown up to 7 inches across. Late September.	2 40	20 00
Harbor Lights , a new pompon blend—luminous pale yellow and creamy white for an effect soft yet striking. It is a tidy, compact 2 ft. plant, prolific, and very early, being in full bloom by mid-September.	2 40	20 00
Hoopoe , a beautiful old rose sport from that grand variety Salmon Queen.	2 40	20 00
Muskogee , early semi-double, purplish-rose flowers with slight yellow central disc. Compact, bushy growth.	1 80	15 00
My Lady , our choice as the best of the hardy, early double yellow Chrysanthemums. An excellent pot plant.	1 80	15 00
Pohatcong , a conservative pleasing shade of lavender-rose. Double flowers on dwarf, compact plants.	1 40	12 00
Pygmy Gold , a distinct dwarf Korean Pompon type. Pure yellow button type flowers. Early September.	1 80	15 00
Seminole , free blooming, low and bushy. Double fluffy pure white flowers. Sept.	1 80	15 00
Sunbeam , a new cushion type pompon, a mound of buttercup yellow flowers practically cover the foliage. Mid-Sept.	2 40	20 00
Vulcan . Solid brilliant crimson; lovely shaped flowers. September.	2 40	20 00
Welcome . Very early bloomer with bright mallow purple flowers on long stems.	2 40	20 00

PERENNIALS—(Continued)

CUSHION CHRYSANTHEMUMS

A group of medium-tall growing 'Mums, forming mounds of blooms reminding one of the old-fashioned Azalea.

NOTE—2½" Pot Plants supplied on spring orders.

	Per 10	Per 100
Bronze Cushion , double flowers compact mounds of bronze and copper. Early.....	\$1 70	\$ 14 00
Pink Cushion , masses of light pink flowers in broad mounds....	1 40	12 00
Red Cushion , a splendid improved early crimson red variety....	1 80	15 00
Santa Claus , the newest and most brilliant of all cushion Chrysanthemums. Large red double blooms with red centers....	2 10	18 00
White Cushion , a select strain, double white flowers.....	1 70	14 00
Yellow Cushion , pure golden yellow; early flowering and long lasting.	1 80	15 00
COREOPSIS, Tickseed		
Double Sunburst , a variety with extra petals; golden yellow, long-lasting cut flowers. June-August. 2 ft.....	1 20	10 00
Grandiflora , bright yellow. Blooms all Summer. 2 ft.....	1 20	10 00
DAISY SHASTA, Chrysanthemum Maximum		
Alaska Supreme , shapely plants, large flowers. June-July.....	1 20	10 00
Elder Improved , large white, usually in bloom for Decoration Day. 2 ft.....	1 20	10 00
Hartje and Elder , white, earliest to bloom. 6 in.	1 20	10 00
DELPHINIUM, Larkspur		
Clivenden Beauty , large spikes, sky flowers. Good forcer. Blooms most of the Summer. 4-5 ft.....	1 20	10 00
English Hybrids , single and double Delphinium, all shades of blue and mauve. June-Sept. 4 ft.....	1 40	12 00
La Martine , dark indigo-blue flowers. Blooms profusely and continuously all summer; is not subject to disease. 4-5 ft.	1 20	10 00
*DIANTHUS		
barbatus, Old-Fashioned Sweet Williams. May-June.		
atrococcineus flore pleno , deep intense scarlet; double-flowering. Blooms all summer. 12 in.	1 40	12 00
Sutton's Strain of Giant White, Pink Beauty, Rich Crimson, and Salmon , Separate colors, 15 in.	1 40	12 00
plumarius semperflorens Fl. Pl. , single and double pinks. 15 in.	1 20	10 00
Loveliness . One of Allwoods outstanding introduction, flowers a shade of heavenly mauve, with petals deeply cut and lacinated.	1 40	12 00
Species:		
deltoides Brilliant , crimson red flowered rock plant. May. 8 in.	1 15	9 00
latifolius Silver Mine , white flowers. Prolific bloomer. 8 to 10 in.	1 80	15 00
DIELYTRA, (DICENTRA) Bleeding Heart		
*eximia, Fern-leaved Bleeding Heart . A hardy, worthy variety for rock-garden plantings, borders and many other locations. Rose pink flowers in showy racemes all summer. 15 in.....	2 10	18 00
*FUNKIA, plaintain Lily		
lancifolia , green foliage, lilac flowers. July-Aug. 18 in.....	1 20	10 00
*variegata , green and white foliage, blue flowers. July. 12 in....	1 70	14 00

PERENNIALS—(Continued)**CUSHION CHYSANTHEMUMS—(Continued)****GAILLARDIA, Blanket Flower. June until frost.**

	Per 10	Per 100
Burgundy , rich wine-red; excellent for cutting. 1½-2 ft.	\$1 40	\$12 00
Dazzler , large golden and maroon flowers, strong stems. 1½ ft. 1 40		12 00

GYPSOPHILA, Baby's Breath.

oldhamiana , white, delicately tinted pink. September. 3 ft.	1 40	12 00
paniculata compacta , a symmetrical mass of minute white flowers during August and September. 2 ft.	1 20	10 00

HEMEROCALLIS, Day Lily

flava , clear lemon yellow, sweet scented, profuse. June. 2½ ft. 1 20		10 00
Kwanso , a double-flowering variety; rich golden bronze. July-August. 4 ft.	1 80	15 00
Margaret Perry , brilliant coppery crimson flowers with clear yellow base. A vigorous tall grower. 5-6 ft.	2 40	20 00

***HEUCHERA, Coralbells**

sanguinea splendens , rich crimson flowers. June-Sept. 15". 2 in. Pot Plants	1 80	15 00
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HIBISCUS, Rose Mallow

Giant Flowering Pink and Red , separate colors. August-Sept. 4-5 ft.	1 40	12 00
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HOLLYHOCKS, Althea Rosea

Single Alleghany Mixed , a fine hardy strain. July. 4 ft.	1 20	10 00
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LATHYRUS, Everlasting Sweet Pea

latifolius , a lovely trailing plant that blooms all summer. Pink, Red, and White , separate colors. 3 ft.	1 40	12 00
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***LINUM, Flax**

perenne , bright blue flowers, upright growth.	1 20	10 00
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LYTHRUM

The Beacon , for small borders or large mass planting, the long-lasting, clear deep carmine-red flowers on large spikes are truly a beacon that adds sparkle and interest to the garden. Thrives equally in wet semi-shade and open dry sun. July to frost.	2 10	18 00
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Rosalie , new this year. Rosalie will further increase the modern vogue for Lythrum. A captivating art shade of rose-pink. Not subject to diseases. July until frost.	2 40	20 00
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PACHYSANDRA, Japanese Spurge

terminalis , trailing cover plant for shady places, glossy green foliage, light-colored flowers, evergreen.	1 80	15 00
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PAPAVER

Oriental Hybrids , scarlet-crimson with black spots at base of each petal. Grown from cuttings.	1 40	12 00
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NOTE: Limited variety list of named varieties available on request.

PENTSTEMON, Bearded Tongue

Garnet , large-flowering, rich garnet flowers on stems 12 to 18 inches tall. June to frost.	1 80	15 00
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PERENNIALS—(Continued)

PHLOX—paniculata

All varieties of Phlox offered are Field Grown; they have been twice transplanted, are vigorous and well developed.

	Per 10	Per 100	Per 1000
B. Comte , rich, satiny wine-red; one of the most brilliant.			
2000 No. 1	\$1 80	\$15 00	\$120 00
1000 No. 2	1 50	13 00	110 00
Beacon , large trusses of fiery scarlet with deeper eye.			
400 No. 1	1 40	12 00	-----
200 No. 2	1 20	10 00	-----
Border Gem , a most unusual shade of rich deep purple. Does not fade.			
500 No. 1	1 70	14 00	-----
300 No. 2	1 40	12 00	-----
Bridesmaid , pure white with large crimson-carmine eye.			
200 No. 1	1 40	12 00	-----
100 No. 2	1 20	10 00	-----
Brilliant , large trusses of brilliant crimson flowers, darker eye.			
500 No. 1	1 40	12 00	-----
400 No. 2	1 20	10 00	-----
Charles Curtis , the most brilliant phlox in cultivation. A strong growing phlox of brilliant sunset red. An outstanding new variety.			
1500 No. 1	1 80	15 00	-----
500 No. 2	1 50	13 00	-----
Colonial , strong grower, extra large blue flowers. Blooming for long time.			
300 No. 1	1 40	12 00	-----
100 No. 2	1 20	10 00	-----
Dr. Chas. H. Mayo , white with crimson eye.			
3000 No. 1	1 40	12 00	100 00
1000 No. 2	1 20	10 00	90 00
E. I. Farrington , large flowers of salmon-pink, soft pink eye; free-flowering. One of the most attractive Phlox.			
1000 No. 1	1 40	12 00	-----
500 No. 2	1 20	10 00	-----
Eclaireur , brilliant rosy magenta, white eye. July and August. Height 32 in.			
1000 No. 1	1 40	12 00	-----
500 No. 2	1 20	10 00	-----
Eva Forester , large heads of 30 to 40 individual flowers at one time. Flowers clear pink and 1¼ in. across.			
3000 No. 1	1 80	15 00	120 00
1000 No. 2	1 50	13 00	110 00
Fiancee , beautiful waxy white flowers. Blooms very late in the season.			
1000 No. 1	1 80	15 00	120 00
500 No. 2	1 50	13 00	110 00
Flora J. Reidy , a very desirable pure, ivory-white Phlox. Large florets on large, well-filled trusses.			
3000 No. 1	1 40	12 00	-----
1000 No. 2	1 20	10 00	-----
Leo Schlageter , brilliant, glowing scarlet flowers in rich full trusses. One of the best reds.			
1000 No. 1	1 80	15 00	-----
500 No. 2	1 50	13 00	-----
Mary Louise , the individual flowers are twice as large as other white Phlox; unquestionably the best white to date.			
1000 No. 1	1 40	12 00	-----
500 No. 2	1 20	10 00	-----
Morgenrood , large individual florets in big heads of bright rose with deeper eye. Excellent grower; strong stems.			
2000 No. 1	1 40	12 00	-----
1000 No. 2	1 20	10 00	-----

PERENNIALS—(Continued)**PHLOX—paniculata—(Continued)**

Mrs. R. P. Struthers, large individual flowers of rich cherry-red, darker eye.

		Per 10	Per 100	Per 1000
2000	No. 1	\$1 40	\$12 00	\$100 00
1000	No. 2	1 20	10 00	90 00

Prime Minister, pure white with distinct crimson eye.

3000	No. 1	1 40	12 00	100 00
1000	No. 2	1 20	10 00	90 00

Rheinlander, salmon pink with carmine eye.

500	No. 1	1 40	12 00	
250	No. 2	1 20	10 00	

Rijnstroom, clear rose-pink with lavender cast. Large, compact trusses. Vigorous grower. Very desirable.

5000	No. 1	1 40	12 00	100 00
3000	No. 2	1 20	10 00	90 00

R. P. Struthers, bright cherry-red with salmon shading; claret eye.

2500	No. 1	1 40	12 00	100 00
1500	No. 2	1 20	10 00	90 00

Salmon Beauty, one of the most colorful of all Phlox. Large white eye in giant salmon florets. Color blends well with other Phlox.

250	No. 1	1 80	15 00	
100	No. 2	1 50	13 00	

Sweetheart, very fine appleblossom pink, large florets.

700	No. 1	1 80	15 00	
500	No. 2	1 50	13 00	

PHLOX, subulata, Moss or Mountain Pinks

alba , pure white flowers cover the plant in May.	1 40	12 00	
atropurpurea , the best red subulata Phlox; deep carmine red, darker eye. May-June. 4 in.	1 40	12 00	
rosea , rose-pink; thrives in hot, dry situations; a fine bank cover.	1 40	12 00	
Samson , rose-pink; darker eye. Blooms again in the fall.	1 40	12 00	

PHYSOSTEGIA, False Dragon Head.

virginica , vivid, large, deep pink flowers. Splendid cut flowers.	1 70	14 00	
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PLATYCODON, Balloon Flower. June and July. 18 in.

grandiflorum , blue.	1 20	10 00	
Mariesi , a beautiful dwarf species. Large broad foliage, deep violet blue flower. Blooms all summer. 12 in.	1 20	10 00	
Mixed	1 15	9 00	

***PLUMBAGO, Leadwort**

larpentiae , a mass of dark bronzy-green leaves covered with blue flowers during late Summer and Fall. 6 to 8 in.	1 70	14 00	
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POPPY ORIENTAL, (See Papaver)**RUDBECKIA, Coneflower**

laciniata (Golden Glow) clear yellow. July-Sept. 5-6 ft.	1 20	10 00	
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SALVIA (Sage)

Edible , especially valuable for seasoning. 2 ft.	1 40	12 00	
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PERENNIALS—(Continued)**PHLOX—paniculata—(Continued)**

	Per 10	Per 100
*SEDUM, Stonecrop		
Acre, (Golden Moss) green foliage, yellow flowers, July. 4 in.	\$1 40	\$10 00
Sexangulare , very dark green foliage; yellow flowers. July. 4 in.	1 20	10 00
Spectabilis Brilliant light green foliage, broad heads of rich rose-red flowers. Aug.-Sept. 15 in.	1 40	12 00
*STATICE, Sea Lavender		
latifolia , immense heads of purplish blue minute flowers; will keep for months when dried. July-Aug. 18 in.	1 20	10 00
STOKESIA, Stoke's Aster (Cornflower Aster) July-August.		
Blue Moon , lilac-blue flowers of large size. A splendid cut- flower. Blooms all summer.	1 80	15 00
VERONICA, Speedwell		
longifolia subsessilis , the best of the Veronicas, producing beau- tiful blue flowers on long spikes. July-Sept. 2 ft.	1 80	15 00
Spicata , long spikes of violet-blue flowers all summer. A very fine plant for the middle of the hardy border.	1 40	12 00
*VINCA, Periwinkle		
minor, Bowles Variety , blue flowers, beautiful glossy, evergreen foliage.	1 40	12 00

LILIUM, Domestic Grown

(Offered subject to prior sales)

regale , flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow extending part way up the trumpet. June-July. 3-5 ft.	Per 10	Per 100
4 to 6 in.	\$1 80	\$ 15 00
6 to 8 in.	2 10	18 00
tenuifolium (Coral L.) Narrow-leaved; deep scarlet waxen recurved flowers. June. 15 in.		
2 to 3 in.	1 20	10 00
3 to 4 in.	1 40	12 00
4 to 5 in.	1 80	15 00
tigrinum , the well-known old-fashioned lily; bright orange, thickly covered with purple spots.		
Double 4 to 6 in.	1 40	12 00
Double 6 to 8 in.	1 80	15 00
LILY-OF-THE-VALLEY (Convallaria majalis)		
Very fragrant pure white, bell-shaped flowers for shaded locations.		
Pips	35	3 00
Clumps (10 pips each)	2 40	20 00

SPRING BULBS

CANNAS

We offer a standard list of the most popular varieties of Cannas.

The roots are strong, healthy 2 to 5 eye divisions. We feel confident that they will please you.

BRONZE FOLIAGE VARIETIES

	Per 100	Per 1000
King Humbert , orange-scarlet. One of the most popular Cannas. 4'	\$7 50	\$ 65 00
Shenandoah , salmon-pink, ruby-red foliage. 4'	7 50	65 00
Wyoming , massive orange flowers. Rich bronze foliage. 5'	7 50	65 00

PINK SHADES WITH GREEN FOLIAGE

City of Portland , rose-colored flowers of excellent form. 3½'	7 50	65 00
Hungaria , large rose-pink, flowers frequently, edged white. 3½'	7 50	65 00
Mrs. Alfred Conard , clear salmon-pink. 4'	7 50	65 00

RED SHADES WITH GREEN FOLIAGE

Louisiana , vivid red flowers on healthy plants. 6'	7 50	65 00
The President , immense bright red flowers produced freely in large clusters. 4'	6 00	55 00
Wintzer's Colossal , very large flowers of vivid scarlet. 5 ft.	7 50	65 00

VARIEGATED FLOWERS WITH GREEN FOLIAGE

Madam Crozy , vermilion-scarlet, yellow edge. 3½'	7.50	65 00
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YELLOW SHADES WITH GREEN FOLIAGE

Florence Vaughan , golden yellow dotted crimson. 4'	7 50	65 00
Yellow King Humbert , yellow with red spots; very attractive. 4'	6 00	55 00

PEONIES

We are growing the best of the old and many of the recent introductions of exceptionally outstanding merit.

The roots offered are strong 3-to-5 eye divisions, true to name, from healthy three-year old clumps.

Number after name of variety represents rating given it by the American Peony Society.

	Per 10	Per 100
Anna Sass , 9.6. Late mid-season. Delicate light pink with an orchid undertone. Very large flowers.	\$ 7 50	\$
David Harum (Brand) 8.4. Soft Tyrain rose without stamens. Midseason	7 50	.....
E. G. Hill (Lemoine 1903) 7.8 Semi-rose type. Rich rose-red with silvery border. Early mid-season.	5 50	.....
Hazel Kinney (Brand) 9.0. A true rose type. A delicate clear Hydrangea-pink. Prolific bloomer. Late midseason	10 00	90 00
June Day (Franklin) 9.0. Light rose-pink, fine symmetrical rose-bud center. Midseason.	7 50	.....
Kelway's Glorious (Kelway 1909) 9.8. One of the three best peonies. Although the immense white blooms are not as symmetrical as the LeCygne, we believe this wonderful variety is fully as good. Midseason	12 50	.....
Lady Kate 8.85. One of the best late blooming bright pink peonies. Blooms borne on tall strong stems.	7 50	.....
Mary Brand (Brand 1907) 8.7. Deep red of great brilliancy, often considered the best red peony. Midseason	6 00	55 00
Mrs. Deane Funk (Brand) 9.05. A magnificent show flower. A beautiful pink, bright and deepening toward the center. Early Midseason.	12 50	.....
Mrs. Frank Beach (Brand 1925) 9.0. Ivory white. A very large flat, perfect rose type flower. Sweetly fragrant. Late midseason.	7 50	.....
Mrs. R. B. Ware (Brand) 9.1. A fragrant light pink medium large rose type blooms on medium tall strong stems. Midseason.	12 50	.....
Richard Carvel (Brand 1918) 8.8. Flowers bright all one shade crimson. Guard petals large, broad and prominent. Center petals make immense dome. Early	7 50	7 00

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NURSERYMEN'S SUPPLIES

Due to the limited supply, we are not listing our usual line of Nurserymen's Supplies.

BOXING CHARGES

30x30x10	-----	\$6.00	24x24x6	-----	\$3.75
30x30x8	-----	5.50	20x20x10	-----	4.25
30x30x6	-----	4.50	20x20x8	-----	3.75
30x30x5	-----	3.75	20x20x5	-----	3.00
30x30x4	-----	3.25	18x18x10	-----	4.25
24x24x10	-----	5.50	16x16x10	-----	3.50
24x24x8	-----	4.75	12x12x10	-----	3.00

CORRUGATED BOXES

60x16x16	-----	\$1.15	24x15x15	-----	\$.60
48x20x20	-----	1.20	24x12x12	-----	.45
48x16x16	-----	1.00	24x8x8	-----	.35
36x15x15	-----	.75	22x15x22	-----	.65
36x10x12	-----	.75	22x12x12	-----	.50
28x8x8	-----	.35	15x12x10	-----	.35

Bales will be charged at actual cost of the material and labor.

